

Converting Colors

Hex(B53AA5)

Have a look what the booklet for
Hex(B53AA5) contains.

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Color

Hex(B53AA5)

Conversions

Conversions Part 1

Format	Color
Hex	B53AA5
RGB	181, 58, 165
RGB Percent	71%, 23%, 65%
CMY	0.2902, 0.7725, 0.3529
CMYK	0.00, 0.68, 0.09, 0.29
HSL	308°, 51%, 47%
HSV	308°, 68%, 71%
XYZ	27.3606, 15.5665, 37.1599
YIQ	106.9750, 38.9610, 59.3530

Conversions

Conversions Part 2

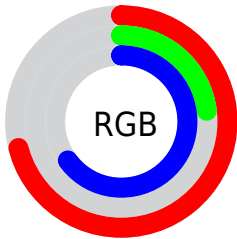
Format	Color
R _Y B	181, 58, 165
Decimal	11877029
CIE Lab	46.40, 61.17, -32.18
CIE LCh	46, 69.120, 332.254
Yxy	15.5665, 0.3416, 0.1944
Android (android.graphics.Color)	4290067109 (0xFFB53AA5)
YUV	106.9750, 28.6063, 64.9199
Hunter-Lab	39.4544, 54.7402, -28.2239

Details

The Hex color **B53AA5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3AB54A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **F073DC**, and **7D0071** is the 20% darker color. If you saturate the color by 10%, you get **B528A3**, and if you desaturate by 10%, it is **B54CA7**.

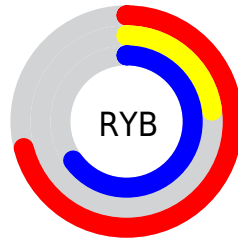
Distribution



Red (71%)

Green (23%)

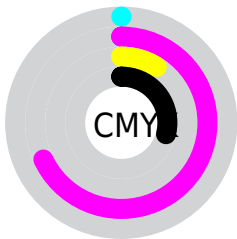
Blue (65%)



Red (71%)

Yellow (23%)

Blue (65%)

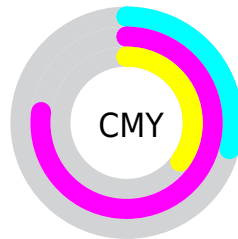


Cyan (0%)

Magenta (68%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (77%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53AA5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B53AA5 by changing the saturation by 10% instead.

 B53AA5

 B53AA5

FFFFFF

 98188A

 F073DC

 7D0071

 FF8FF9

 610058

 FFABFF

 460040

 FFC8FF

 2D002A

 FFE5FF

 000013

 000000

 B53AA5

 B53AA5

 B528A3

 B54CA7

 B516A0

 B55EAA

 B5049E

 B570AC

 B5009D

 B582AE

 B595B1

 B5A7B3

 B5B9B5

 B5CBB8

 B5DDBA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E5CD1



B53AA5



D11F6C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B53AA5



826D00



0086AB

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B53AA5



3AB54A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008771



B53AA5



467C00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B53AA5



AF5500



008334



0081D5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B53AA5



D02A46



008334



008798

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B53AA5



EBBCE4



483AB5



755972



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B53AA5



EB2AD2



B53A69



595058



990085



1A0016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B53AA5



EB2AD2



3AB586



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color B53AA5 looks on a white background.

Color Contrast Check

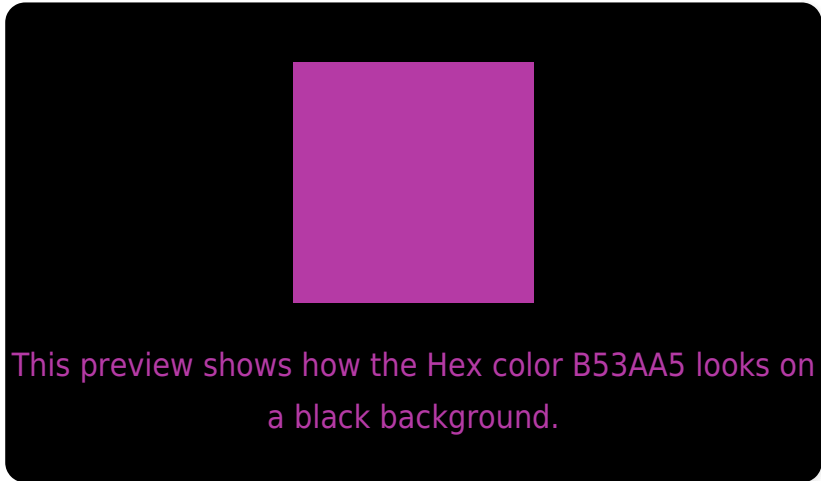
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

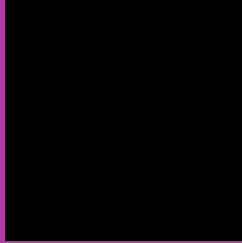
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B53AA5 Background



This preview shows how black text looks on a background with the Hex color B53AA5.

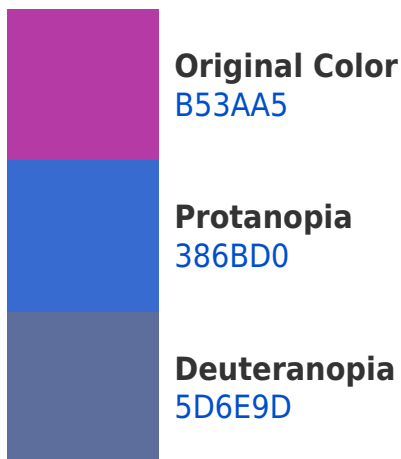


This preview shows how white text looks on a background with the Hex color B53AA5.

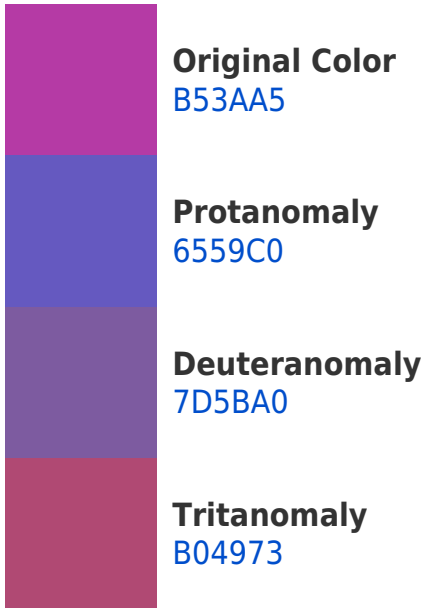
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

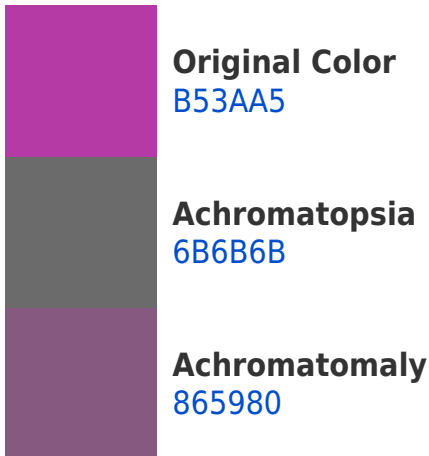
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B53AA5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B53AA5 looks like.

```
.text, #text, p{  
    color:#B53AA5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B53AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53AA5 }  
}
```

Border

The CSS property to change the border of an element to Hex B53AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B53AA5 }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B53AA5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B53AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53AA5; -webkit-box-shadow:4px 4px  
4px 4px #B53AA5; box-shadow:4px 4px 4px  
4px #B53AA5 }
```

Background

The CSS property to change the background color of an element to Hex B53AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53AA5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B53AA5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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